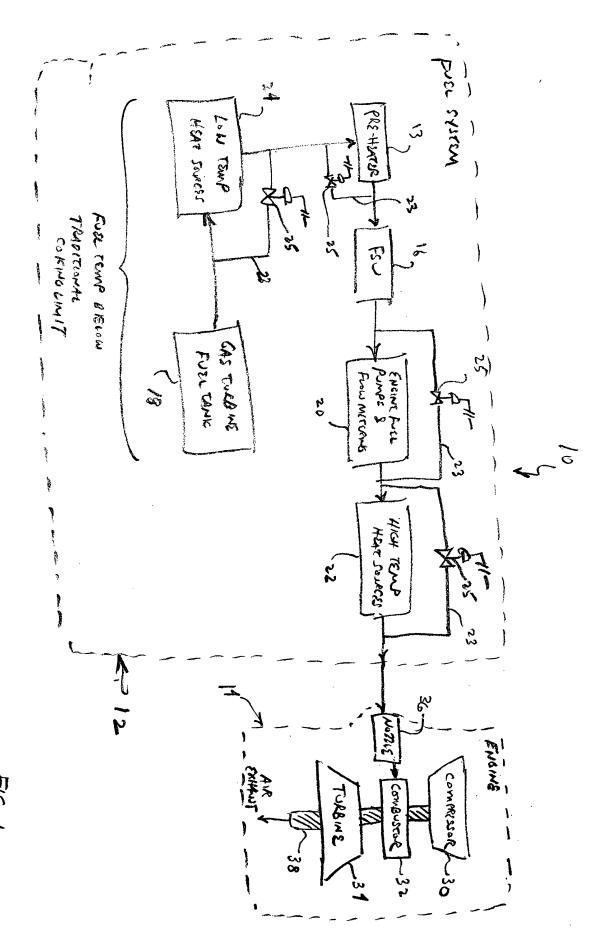
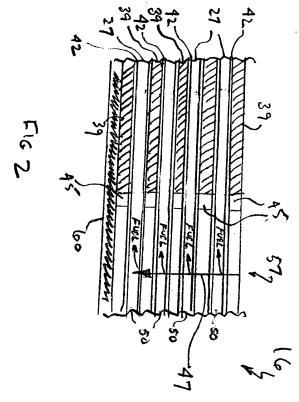
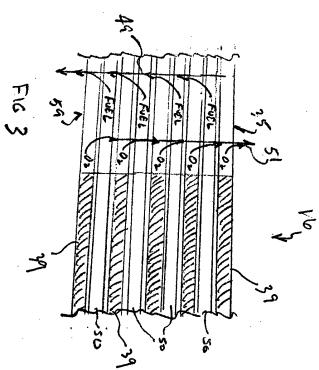
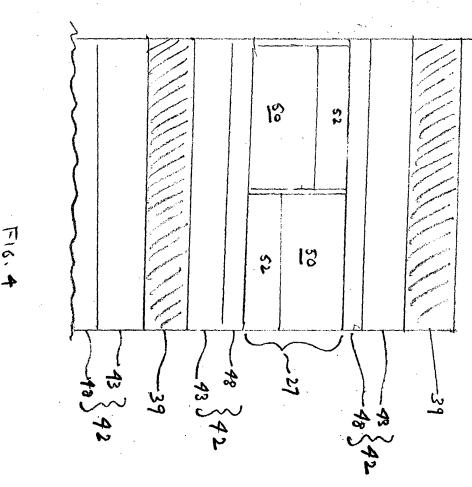
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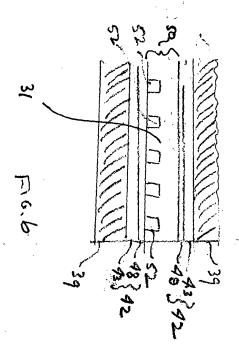
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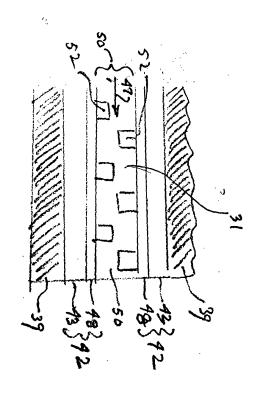


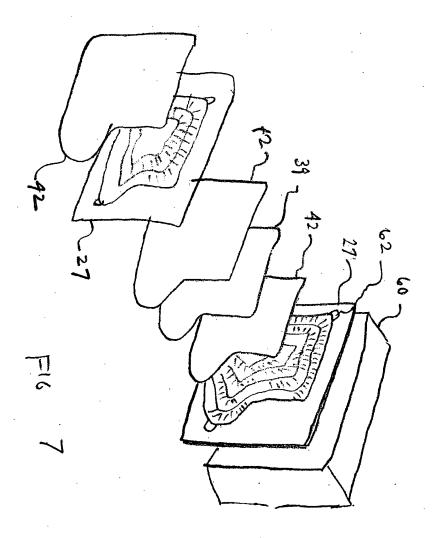


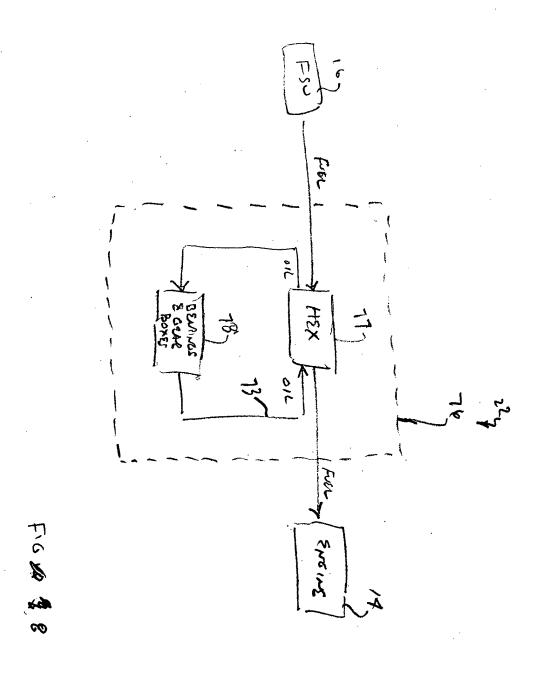






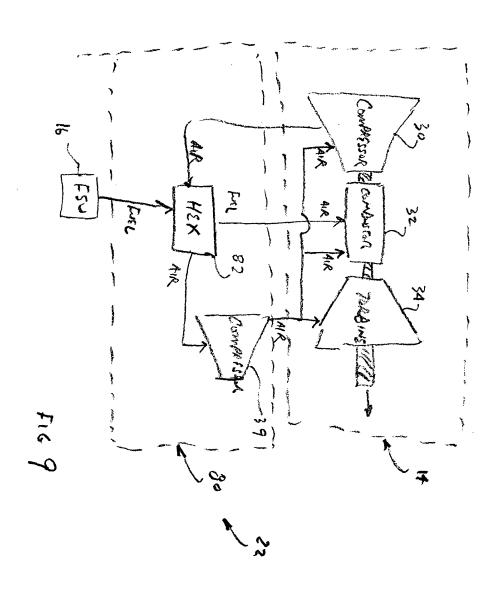


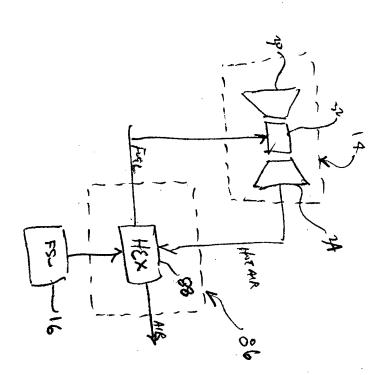


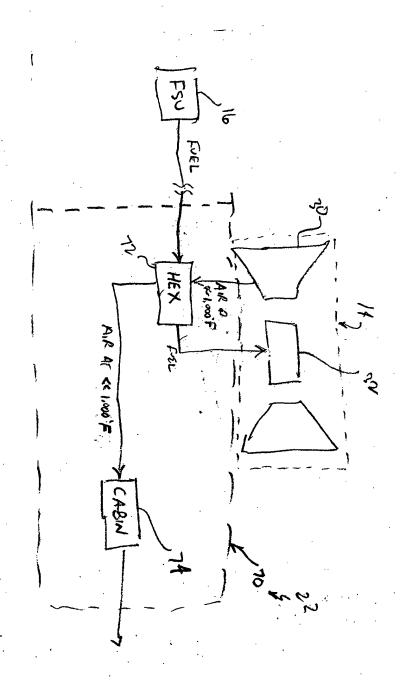


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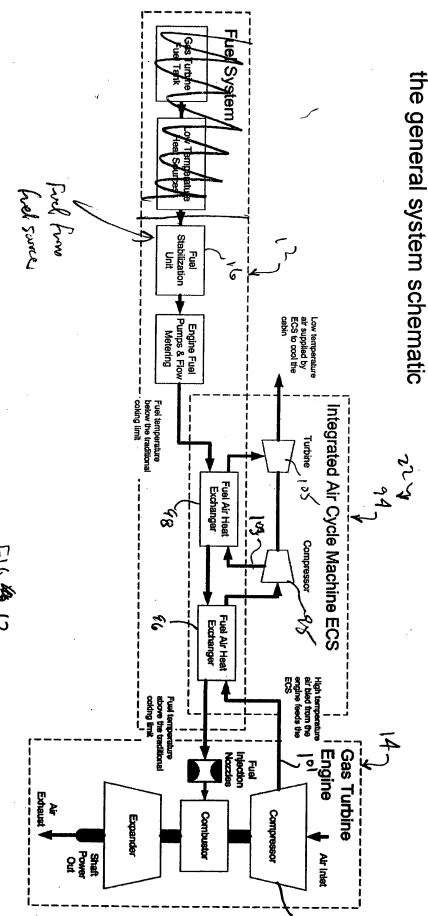
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Integrated Air Cycle Environmental Control System

(ECS) Fuel serves as a heat sink to the aircraft cabin environmental control system

The "Fuel/Air Heat Exchanger"'s are the high temperature heat sources from



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Heat Pump Application

aircraft to the fuel acting as the high temperature sink. A heat pump that transfers heat from a low temperature source on the

